

LTC 9213/01, LTC 9225/00



Security Systems

EN | Instruction Manual
Pole Mount Adaptors

BOSCH

Important Safeguards

1. **Read, Follow, and Retain Instructions** - All safety and operating instructions should be read and followed before operating the unit. Retain instructions for future reference.
2. **Heed Warnings** - Adhere to all warnings on the unit and in the operating instructions.
3. **Attachments** - Attachments not recommended by the product manufacturer should not be used, as they may cause hazards.
4. **Installation Cautions** - Do not place this unit on an unstable stand, tripod, bracket, or mount. The unit may fall, causing serious injury to a person and serious damage to the unit. Use only manufacturer-recommended accessories, or those sold with the product. Mount the unit per the manufacturer's instructions. Appliance and cart combination should be moved with care. Quick stops, excessive force, or uneven surfaces may cause the appliance and cart combination to overturn.
5. **Cleaning** - Unplug the unit from the outlet before cleaning. Follow any instructions provided with the unit. Generally, using a damp cloth for cleaning is sufficient. Do not use liquid cleaners or aerosol cleaners.
6. **Servicing** - Do not attempt to service this unit yourself. Opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
7. **Damage Requiring Service** - Unplug the unit from the main AC power source and refer servicing to qualified service personnel under the following conditions:
 - When the power supply cord or plug is damaged.
 - If liquid has been spilled or an object has fallen into the unit.
 - If the unit has been exposed to water and/or inclement weather (rain, snow, etc.).
 - If the unit does not operate normally, when following the operating instructions. Adjust only those controls specified in the operating instructions. Improper adjustment of other controls may result in damage, and require extensive work by a qualified technician to restore the unit to normal operation.
 - If the unit has been dropped or the cabinet damaged.
 - If the unit exhibits a distinct change in performance, this indicates that service is needed.
8. **Replacement Parts** - When replacement parts are required, the service technician should use replacement parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electrical shock or other hazards.
9. **Safety Check** - Upon completion of servicing or repairs to the unit, ask the service technician to perform safety checks to ensure proper operating condition.
10. **Power Sources** - Operate the unit only from the type of power source indicated on the label. If unsure of the type of power supply to use, contact your dealer or local power company.
For units intended to operate from battery power, refer to the operating instructions.
For units intended to operate **with External Power Supplies**, use only the recommended approved power supplies.
For units intended to operate with a limited power source, this power source must comply with EN60950. Substitutions may damage the unit or cause fire or shock.
For units intended to operate at 24VAC, normal input voltage is **24VAC**. Voltage applied to the unit's power input should not exceed 30VAC.
User-supplied wiring, from the 24VAC supply to unit, must be in compliance with electrical codes (Class 2 power levels). Do not ground the 24VAC supply at the terminals or at the unit's power supply terminals.
11. **Coax Grounding** - If an outside cable system is connected to the unit, ensure that the cable system is grounded. U.S.A. models only - Section 810 of the National Electrical Code, ANSI/NFPA No.70, provides information regarding proper grounding of the mount and supporting structure, grounding of the coax to a discharge unit, size of grounding conductors, location of discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.
12. **Grounding** - This unit may be equipped with a 3-wire grounding plug (a plug with a third pin, for grounding). This safety feature allows the plug to fit into a grounding power outlet only. If unable to insert the plug into the outlet, contact an electrician to arrange replacement of the obsolete outlet. Do not defeat the safety purpose of the grounding plug.
Outdoor equipment should only be connected to the unit's inputs after this unit has had its grounding plug connected to a grounded outlet or its ground terminal properly connected to a ground source.
The unit's input connectors must be disconnected from outdoor equipment before disconnecting the grounding plug or grounding terminal.
Proper safety precautions such as grounding should be followed for any outdoor device connected to this unit.
13. **Lightning** - For added protection during a lightning storm, or when this unit is left unattended and unused for long periods of time, unplug the unit from the wall outlet and disconnect the cable system. This will prevent damage to the unit due to lightning and power line surges.

For Indoor Product

- Water and Moisture** - Do not use this unit near water - for example, in a wet basement, in an unprotected outdoor installation or in any area classified as a wet location.
- Object and Liquid Entry** - Never push objects of any kind into this unit through openings, as they might touch dangerous voltage points or create short circuits, resulting in a fire or electrical shock. Never spill liquid of any kind on the unit.
- Power Cord and Power Cord Protection** - For units intended to operate with 230VAC, 50Hz, the input and output power cord must comply with the latest versions of IEC Publication 227 or IEC Publication 245.
Power supply cords should be routed so they are not likely to be walked on or pinched. Pay particular attention to location of cords and plugs, convenience receptacles, and the point of exit from the appliance.
- Overloading** - Do not overload outlets and extension cords; this can result in a risk of fire or electrical shock.

For Outdoor Product

Power Lines - An outdoor system should not be located in the vicinity of overhead power lines, electric lights or power circuits, or where it may contact such power lines or circuits. When installing an outdoor system, extreme care should be taken to keep from touching power lines or circuits, as this contact might be fatal. U.S.A. models only - refer to the National Electrical Code Article 820 regarding installation of CATV systems.

For Rack-mount Product

- Ventilation** - Do not place this equipment in a built-in installation or rack, unless proper ventilation is provided, or the manufacturer's instructions were followed. The equipment must not exceed its maximum operating temperature requirements.
- Mechanical Loading** - When rack-mounting the equipment, ensure that a hazardous condition is not created by uneven mechanical loading.

Safety Precautions



CAUTION

RISK OF ELECTRIC SHOCK
SHOCK. DO NOT OPEN!



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol indicates the presence of uninsulated dangerous voltage within the product's enclosure that can cause an electric shock.



This symbol indicates the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



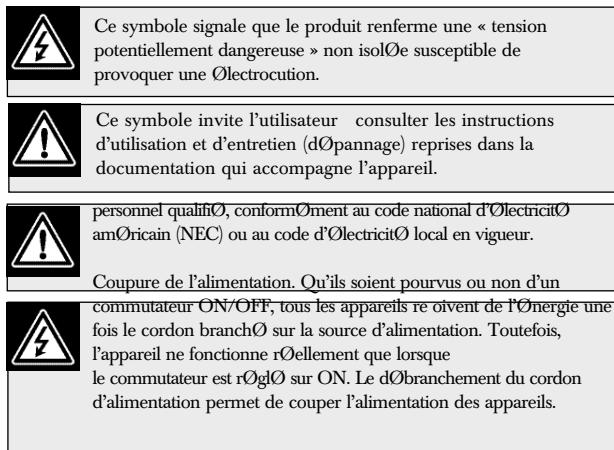
Installation should be performed by qualified service personnel only in accordance with the National Electrical Code or applicable local codes.



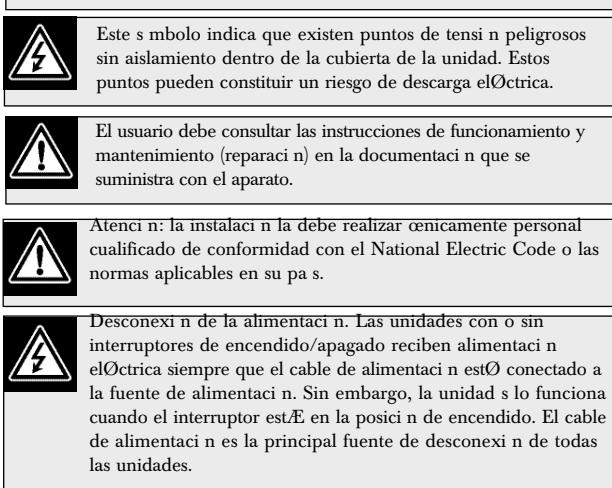
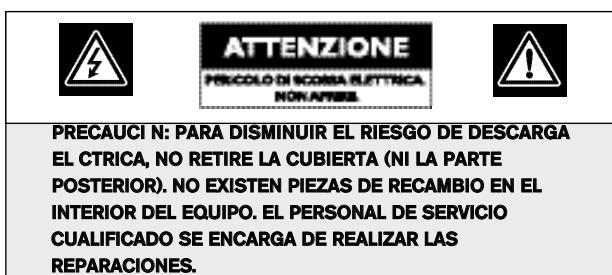
Power Disconnect. Units with or without ON-OFF switches have power supplied to the unit whenever the power cord is inserted into the power source; however, the unit is operational only when the ON-OFF switch is in the ON position. The power cord is the main power disconnect for all units.

Securite

Attention : l'installation doit exclusivement ëtre réalisée par du



Precauciones de Seguridad



Sicherheitshinweise



Veiligheidsmaatregelen



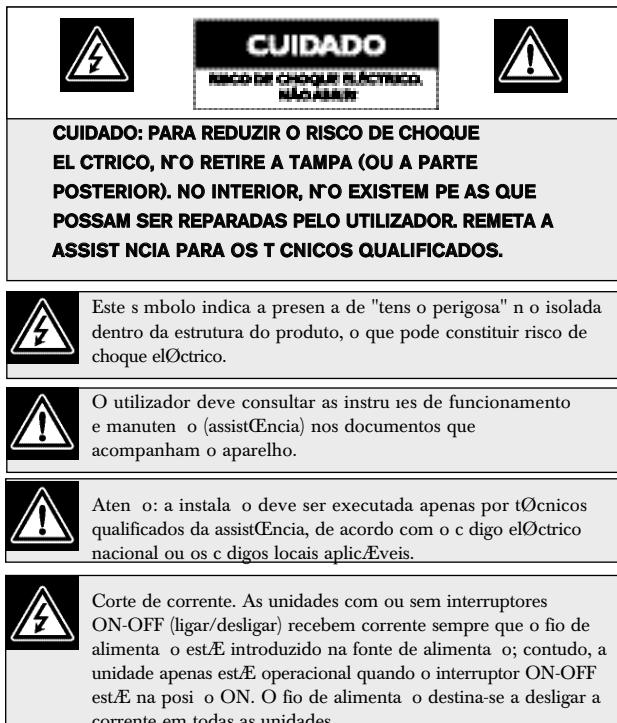
Sicurezza



安全预防措施



Medidas de Segurança



1.0 UNPACKING

This equipment should be unpacked and handled with care. If an item appears to have been damaged in shipment, notify the shipper.

Verify that all parts shown in the *Parts List* have been included. If any items are missing, notify your Bosch Security Systems Sales or Customer Service Representative.

The original packing carton is the safest container in which to transport the unit. Save it for possible future use.

1.1 Parts List

Qty	Item
1	Unit (verify model number)
1	This installation manual
1	BAND-IT [®] Tool instruction chart
1	Mounting bracket
	LTC 9213/01 Hardware kit
1	Structural band strap, 3 m (10 ft)
4	Screw, hex head, M8 x 25
4	Washer, spiral lock, M8
4	Screw, oval head, # 6-32
	LTC 9225/00 Hardware kit
1	Structural band strap, 3 m (10 ft), that must be cut into two (2) 1.5 m (5 ft) lengths
2	Band buckle
6	Screw, hex head, M12 x 35
6	Nut, hex, M12
6	Washer, spiral lock, M2
6	Washer, plain, M12

2.0 SERVICE

If the unit needs servicing, contact the nearest Bosch Security Systems Service Center for authorization to return and shipping instructions.

Service Centers

USA

Phone: 800-366-2283 or 717-735-6638

Fax: 800-366-1329 or 717-735-6639

CCTV Spare Parts

Phone: 800-894-5215 or 408-956-3853 or 3854

Fax: 408-957-3198

E-mail: BoschCCTVparts@ca.slr.com

Canada

Phone: 514-738-2434

Europe, Middle East & Asia Pacific Region

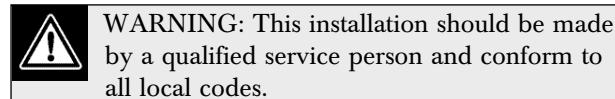
Phone: 32-1-440-0711

For additional information, see
www.boschsecurity.com.

3.0 DESCRIPTION

The LTC 9213/00 and LTC 9225/00 Pole Mount Adapters are designed to permit the installation of indoor/outdoor wall mounts to a pole capable of supporting the total weight of equipment installed. The pole can range from 76 mm (3 in.) to 381 mm (15 in.) in diameter.

4.0 INSTALLATION



4.1 Mount Compatibility

Pole Mount Adapter	Suggested Wall Mounts	Maximum Rated Load
LTC 9213/01	LTC 9212/00	9 kg (20 lb)
	LTC 9215/00	9 kg (20 lb)
	LTC 9215/00S	9 kg (20 lb)
LTC 9225/00	LTC 9216/00	45 kg (100 lb)
	LTC 9222/00	90 kg (200 lb)

4.2 Tools Required

4.2.1 LTC 9213/01 Pole Mount Adapter

8 mm Hex wrench

Banding tool (TC9311PM3T is recommended)

4.2.2 LTC 9225/00 Pole Mount Adapter

12 mm Hex wrench

Banding tool (TC9311PM3T is recommended)

4.3 Mounting

1. Cut the structural band strap into two (2) 1.5 m (5 ft) straps.
2. Attach the bracket to the pole at the band desired height using the two (2) straps and the two (2) buckles provided.
3. Tension the straps according to the instructions for the banding tool used. Banding tool, TC9311PM3T, is recommended and may be purchased separately. A BAND-IT[®] Tool instruction chart is provided with each pole mount. The ends of the bands are bent around the buckle (see *Figure 1*).

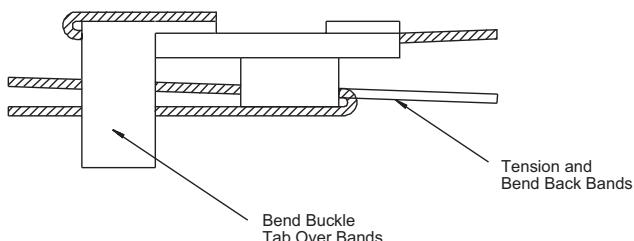


Figure 1: Bending Method

- For model LTC 9213/01 with an LTC 9212/00, LTC 9215/00, or an LTC 9215/00S, secure the wall mount to the pole mount using the four (4) 8 mm screws and lock washers provided. Use the four larger holes that are in a square pattern around the center (see *Figure 2*).

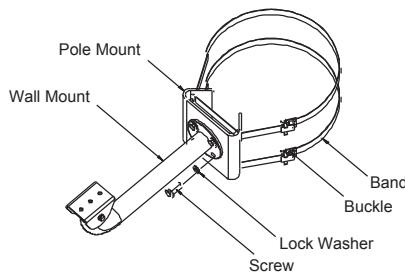


Figure 2: Securing the LTC 9213/01 with an LTC 9212/00, LTC 9215/00 or an LTC 9215/00S

- For model LTC 9213/01 with an LTC 1348/00, secure the wall mount to the pole mount using the four (4) No. 6 screws provided. Use the four (4) smaller holes that are in a rectangular pattern.
- For model LTC 9225/00 with an LTC 9216/00 or an LTC 9222/00, secure the wall mount to the pole mount using the six (6) 12 mm screws, plain washers, lock washers and nuts provided (see *Figure 3*).

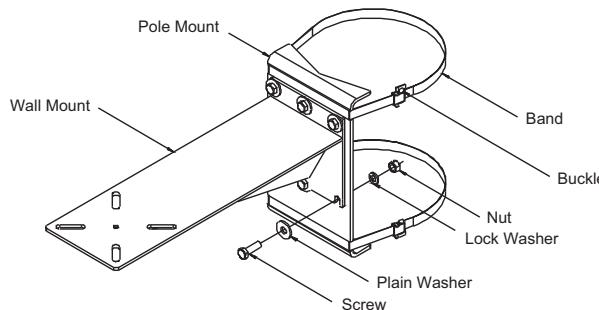


Figure 3: Securing the LTC 9225/00 with an LTC 9216/00 or an LTC 9222/00

5.0 SPECIFICATIONS

5.1 LTC 9213/01, LTC 9225/00 Pole Mount Adapters

Construction: Formed aluminum plate

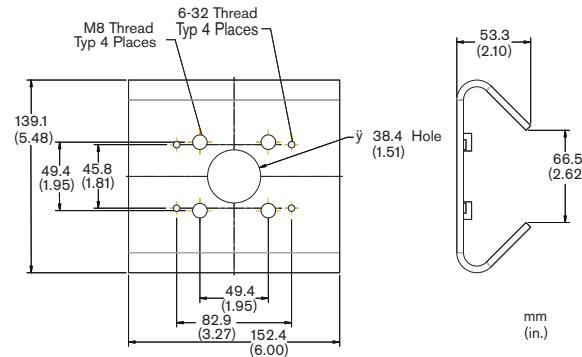
Finish: Light gray

Weight:

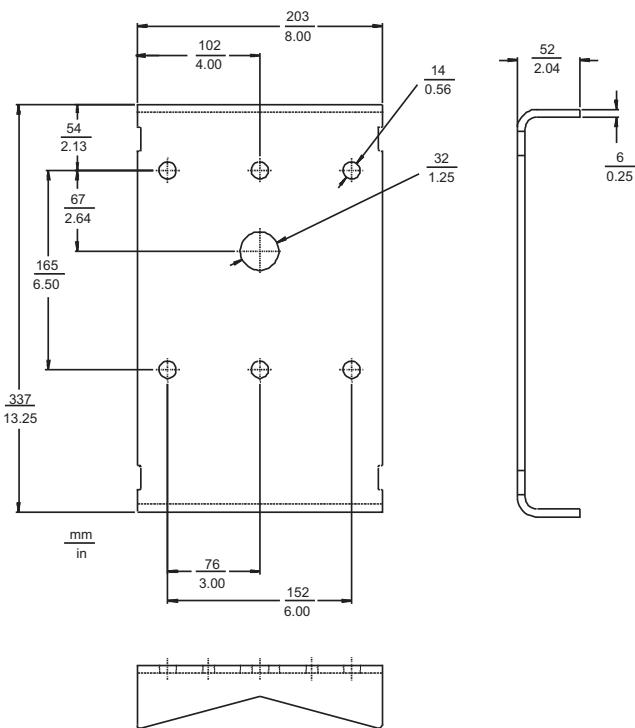
LTC 9213/01: 0.5 kg (1 lb)

LTC 9225/00: 1.4 kg (3 lb)

LTC 9213/01 Pole Mount Adaptor



LTC 9225/00 Pole Mount Adaptor



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